Derived through analysis

Linking policy literature and datasets

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Overview

- Linked Semantic Platforms (ARC LIEF)
- Introducing ADA and APO
- Where we sit in research data management
- Matching methods
- Role of vocabularies
### ARC LIEF Linked Semantic Platforms

- **Discovery & analysis**
  - Graphs
  - Search
  - Review
  - Interactive

- **Interoperability**
  - Shared taxonomies
  - Database interoperability
  - Reference extraction

- **Connected collections**
  - ADA
  - APO
  - AURIN
  - HMCH

- **Collection methods**
  - Curating
  - Text mining
  - Crowd sourcing
  - Digitisation

- **Content**
  - Data
  - Documents
  - Multimedia

- **New and extended policy research collections**

- **Connections across existing research infrastructure projects using persistent identifiers and shared taxonomies**

- **New tools and infrastructure for discovery and analysis**
Tools for discovery and use

Discovery & analysis

Connecting organisations, authors, topics, resources using concept of the graph database

Semantic search: finding without searching
ADA data holdings cover a wide variety of subject areas:

- Ageing
- Business and management
- Census data
- Culture
- Demography
- Drugs, alcohol and tobacco
- Economics
- Education, employment and work
- Environment, Conservation, Land use
- Family studies
- Foreign affairs
- Gambling
- Health
- Housing

- Law, Crime, Courts
- Mass media, communication and language
- Migration, immigration and multiculturalism
- Politics and elections
- Public opinion and social attitudes
- Psychology
- Quality of life
- Science, Technology
- Social welfare
- Sociology
- Tourism, recreation and leisure
- Travel and transport
About APO

Established in 2002, a digital library of grey literature produced by Gov, NGOs, University research centres, think tanks, consultants and more...

apo.org.au
Research data outputs [informal]

Funds $ Output of Data isBasisFor / article derived thru analysis
PIDs

$\text{ORCID}\quad\text{ORCID}\quad\text{ORCID}\quad\text{ORCID}\quad\text{ORCID}$
Data isBasisFor / article derived thru analysis
Collector is the user
Re-use scenario: collector *is not* the user
Fuzzy matching unstructured data: titles and abstracts

- “Alpha survey”
  - In this survey we collected responses from X cohort using Y methods…

- “Analysis and recommendations from the Alpha survey”
  - This article analyses a survey that collected responses from x cohort using Y methods and recommends Z policies…
Matching semi-structured data: subject vocabularies

- Family violence;
- Social services;
- Law enforcement

- Domestic violence;
- Welfare services;
- Police
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Vocabulary harmonisation will improve add structure to matching datasets and articles
Thank you

Questions?

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